

From wang!elf.wang.com!ucsd.edu!info-hams-relay Tue Mar 12 14:52:03 1991 remote
from tosspot
Received: by tosspot (1.63/waf)
via UUCP; Tue, 12 Mar 91 20:58:21 EST
for lee
Received: from somewhere by elf.wang.com
id aa10027; Tue, 12 Mar 91 14:52:02 GMT
Received: from ucsd.edu by uunet.uu.net with SMTP
(5.61/UUNET-primary-gateway) id AA01839; Tue, 12 Mar 91 09:26:16 -0500
Received: by ucsd.edu; id AA27610
sendmail 5.64/UCSD-2.1-sun
Tue, 12 Mar 91 04:30:27 -0800 for nixbur!schroeder.pad
Received: by ucsd.edu; id AA27606
sendmail 5.64/UCSD-2.1-sun
Tue, 12 Mar 91 04:30:26 -0800 for /usr/lib/sendmail -oc -odb -oQ/var/spool/
lqueue -oi -finfo-hams-relay info-hams-list
Message-Id: <9103121230.AA27606@ucsd.edu>
Date: Tue, 12 Mar 91 04:30:24 PST
From: Info-Hams Mailing List and Newsgroup <info-hams-relay@ucsd.edu>
Reply-To: Info-Hams@ucsd.edu
Subject: Info-Hams Digest V91 #206
To: Info-Hams@ucsd.edu

Info-Hams Digest Tue, 12 Mar 91 Volume 91 : Issue 206

Today's Topics:

 ...a bit more (peripheral) about ELF
 Alinco 590
 Classes
 Help CITOH 8510 printer
 info on VCO
 Kenwood TS-950 Hidden Power-on Features
 Pointer to Ham Test Stacks
 SOLAR TERRESTRIAL BULLETIN - 11 MARCH (INFO UPDATE)

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 11 Mar 91 21:15:06 GMT
From: sdd.hp.com!spool.mu.edu!news.cs.indiana.edu!ariel.unm.edu!triton.unm.edu!
ee5391aa@ucsd.edu (Duke McMullan n5gax)
Subject: ...a bit more (peripheral) about ELF
To: info-hams@ucsd.edu

For What It's Worth, in the past year or so Wayne Green has had a bit to say about ELF exposure. He asserts that there's a lot of evidence out there, and that he no longer uses an electric blanket.

Well, I do, but that's unimportant. I haven't seen this evidence, let alone tried to evaluate its reasonability, but I've no doubt that Wayne is a wee bit more widely read than I.

If you dig up the past year or so of 73, look through his Never Say Die column for a bit...it's always thought-provoking, sometimes anger-provoking, and, IMHO, a lot of fun.

1001001,
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"I think most hiccup cures were really invented
for the amusement of the patient's friends."

-- Hobbes

Duke McMullan n5gax nss13429r phon505-255-4642 ee5391aa@triton.cirt.unm.edu

Date: 11 Mar 91 10:34:00 GMT-10:00
From: "MIS2::NFUNAMURA" <nfunamura%mis2.decnet@nuwes-111.navy.mil>
Subject: Alinco 590
To: "info-hams" <info-hams@ucsd.edu>

I thought I saw a posting a couple of weeks ago from someone who had written a 65 page manual for the Alinco 590. I didn't save it at that time but now a friend has just purchased a 590 and would like to have a copy of the manual. He would also like to share what he has found out so far.

Can someone forward me the info??

Thanks, 73

Norman, KH6R

Date: Mon, 11 Mar 91 18:32:53 EST
From: sehrlich@lynx.northeastern.edu
Subject: Classes
To: info-hams@wsmr-simtel20.army.mil

Here is the current situation regarding the Novice and Technician classes as I understand them. Please correct me where needed:

Novice Class: Same as before; 30 question multiple choice written theory exam, receiving 5 words per minute of International Morse Code

Technician Class(es)

Version 1: Same as before; 25 question multiple choice written theory exam, taken upon successful completion of the Novice Class requirements.

Version 2: For complete newcomers who do not wish to take the 5 wpm code requirement for the Novice Class, they may take the Novice Class theory exam combined with the Technician Class theory exam at one time, and get full privileges from 6 meters and above only.

Version 3: For those who go the route of Version 2, but successfully complete the 5 wpm code requirement at a later time, are then called Technician Plus Class, and get normal HF privileges as those who took the 5 wpm code as a Novice.

General Class and above remain as normal.

Scott, KA1WNU/AG

[Internet: sehrlich@lynx.northeastern.edu]

Date: 11 Mar 91 23:43:32 GMT
From: pacbell.com!pacbell!pbhyf!dejacob@ucsd.edu (D. E. Jacobson)
Subject: Help CITO 8510 printer
To: info-hams@ucsd.edu

Hello Everyone,
I need to find out what the two 8 switch options on a CITO 8510 printer means. These are labeled SW1 and SW2. If anyone has this information I would appreciate knowing what they mean... Thanks for the help.

Dennis
pacbell!pbhyf!dejacob

Date: Tue, 12 Mar 91 11:04:22 SET
From: angelo <ANGELO%IPIFIDPT@ICNUCEVM.CNUCE.CNR.IT>
Subject: info on VCO
To: info-hams@ucsd.edu

I need information on vco in 23 and 13 cm bands,because i am developing a pll
for a transmitter in this band but i have a problem with VCO
I need a cirquit diagram for a reliable vco
73 51 de iw5bde

Date: Mon, 11 Mar 1991 06:46:51 PST
From: Paul_Adler.NER-OSM@xerox.com
Subject: Kenwood TS-950 Hidden Power-on Features
To: Info-Hams@ucsd.edu

In addition to page 24 of the owner's manual the following are also provided:

SUB key SUB receiver capable of scanning.
ENT key Set up CH. 90-99 as amateur band VFO's
5 + (M>VFO) Set -up CH. 80-89 t accept band memory data
RX -A Turn on/off SUB reciver marker for SM-230
IC + COMPStop transmitt if IC exceeds 1.7A (limit to10 watts)
8.83 + RIT Both filter are selectable on transmit (memory will save info)

If anyone knows of other hidden features of the TS-950 please share.
73 Paul KW1L
203 325-6119

Date: 12 Mar 91 05:15:10 GMT
From: ucunix.san.uc.edu!ucunix.san.uc.edu!morris@tut.cis.ohio-state.edu (Ted Morris)
Subject: Pointer to Ham Test Stacks
To: info-hams@ucsd.edu

This should be an FAQ, I bet! I've lost Diana's address and the disk
she so kindly loaded the Ham Test stacks from a year ago. Luckily I've
gained FTP access. Can some kind soul point me to them? I've looked on
Sumex-Aim.Stanford.Edu and WSMR-SIMTEL20.Army.Mil to no avail.

Let's email to me; I'll put out ONE message to the net as a reminder for
those who, like me, have forgotten!

Ted Morris, WB8VNV, MORRIS@UCUNIX.SAN.UC.EDU -or-
MORRISTA@UCMCIC.OA.UC.EDU, AppleLink U1091, cute .sig in Beta

Date: Mon, 11 Mar 1991 03:30:17 -0500
From: oler@HG.Uleth.CA (CARY OLER)
Subject: SOLAR TERRESTRIAL BULLETIN - 11 MARCH (INFO UPDATE)
To: info-hams@ucsd.edu

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SOLAR TERRESTRIAL BULLETIN

11 March, 1991

Updated Solar Activity Information
Potential Geomagnetic Storm Warning Cancellation

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UPDATED SOLAR ACTIVITY INFORMATION

The Potential Geomagnetic Storm Warning for middle latitude regions has ended as of 11 March. Geomagnetic activity has been at quiet to unsettled levels now since approximately 07:00 UT on 10 March. Conditions are expected to remain generally quiet to unsettled over middle latitudes. High latitudes could experience brief periods of minor storming, although it appears that even high latitudes will remain generally unsettled to active with little (if any) magnetic storming. The activity which occurred over the past 48 hours has been attributed to the major flaring which occurred on 07 March. A well placed coronal hole is also believed responsible for contributing somewhat to the activity.

Solar flare activity over the past 24 hours has been relatively dormant. No M-class flares have been noted today. The most powerful flare was a class C7.4/SF from Region 6538.

Spot activity is quite a different story. Region 6538 has continued to be impressively active with regards to spot activity. This region has bloomed with spot activity. The inner area of this region is fairly dense with spots. Region 6538, now located at S23E20, has continued to increase in size and complexity. A magnetic delta configuration has now appeared together with the beta-gamma configuration. Spot count has increased to 109 in this region today. It covers a large 27 degree angular extent.

Region 6537 (S08E01) has also increased in size and magnetic complexity

over the past 24 hours. This region now encompasses 28 spots and has been reclassified as a magnetic beta-gamma configuration. This region was responsible for spawning an X-class flare earlier this week.

Region 6538 is now well place for providing high terrestrial impacts should a significant major flare erupt. Within the next 48 to 72 hours, this region will also be capable of producing potentially strong proton and PCA activity if a major proton flare occurs. It is somewhat unusual that this region is as inactive as it has been over the past 24 hours. This may be a sign of stabilization, but considering the amount of spot activity occurring in the region and the continuing magnetic complexity, significant major flaring is still very possible from this region. Isolated major M and/or X-class flares continue to be a threat.

HF propagation conditions have returned to normal over most low and middle latitudes. Significant high-latitude improvements have also occurred over the past 24 hours. Increased signal stability and decreased absorption are expected over the next several days. A strong possibility exists for SID-induced SWF's. However, any SWF's should be relatively short but could be of moderate to high intensity (particularly if a major flare occurs).

VHF propagation conditions could be quite good on the lower bands. MUF's have increased recently and may now support possibly widespread openings on 6 meters, particularly over the shorter distances (under approx. 3000 km [1900 miles]). Frequencies near 50 MHz are more likely to support potential DX. The most favorable times for potential DX exist when the sun is at its highest elevation in the sky at the midpoint of the signal path. For north-south paths, this optimal time occurs near local noon.

Auroral activity has diminished significantly over the past 24 hours and is now not visible over the middle latitudes. No further activity is expected over the next 24 hours. Whether activity increases after 48 to 72 hours is heavily dependent on whether any major flaring occurs.

** End of Bulletin **

End of Info-Hams Digest
